

### AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A ~~woven~~ fabric having a woven construction, including in its woven construction a first elongated electrical conductor and a second elongated electrical conductor, said first elongated electrical conductor being crossed by a said second elongated electrical conductor at a crossover point, said conductors being permanently biased apart at the crossover point.
2. (ORIGINAL) A fabric according to claim 1, having a plurality of spaced first conductors and/or a plurality of spaced second conductors thereby forming a plurality of said crossover points.
3. (CURRENTLY AMENDED) A fabric as claimed in claim 1 ~~or 2~~, wherein the conductors comprise electrically conductive filaments or fibres.
4. (CURRENTLY AMENDED) A fabric as claimed in claim 3, wherein the fabric includes a warp and a weft and wherein the warp includes at least one said first electrical conductor and the weft includes at least one said second electrical conductor.
5. (CURRENTLY AMENDED) A fabric as claimed in ~~any one of claims~~ claim 1 ~~to 4~~, including insulating fibres or filaments which bias the first and second electrical conductors apart at a crossover point.
6. (CURRENTLY AMENDED) A fabric as claimed in claim 5, wherein the woven construction ~~structure~~ includes yarn and warp and/or weft floats over or under more than one yarn to effect the biasing apart of first and second electrical conductors at a crossover point.

7. (ORIGINAL) A fabric as claimed in claim 6, wherein the first and/or second electrical conductor is subject to a warp and/or weft float over or under more than one yarn.
8. (CURRENTLY AMENDED) A fabric as claimed in claim 6 ~~or 7~~, including a warp and a weft and insulating warp fibres neighbouring an electrical conductor in the warp, wherein the neighbouring insulating warp fibres to an electrical conductor in the warp are subject to a warp float over or under more than one weft yarn.
9. (CURRENTLY AMENDED) A fabric as claimed ~~in any of claims~~ claim 6 to 8, including a warp and a weft and insulating weft fibres neighbouring an electrical conductor in the weft, wherein the neighbouring insulating weft fibres to an electrical conductor in the weft are subject to a weft float over or under more than one warp yarn.
10. (CURRENTLY AMENDED) A fabric as claimed in ~~any of claims~~ claim 7 to 9 including a warp and a neighbouring electrical conductor and insulating fibre in the warp, which employs during the weaving thereof separate shafts for an electrical conductor in the warp and the insulating fibres in the warp that are neighbouring to said electrical conductor.
11. (CANCELED)
12. (CURRENTLY AMENDED) A fabric as claimed in ~~any of claims~~ claim 6 to 11, including at least one instance of a crossover point at which the first and second electrical conductors are permanently biased apart and at least one instance of a crossover point at which the corresponding first and second electrical conductors are permanently physically connected together.
13. (ORIGINAL) A fabric as claimed in claim 12, wherein the one or more crossover points at which the corresponding first and second electrical conductors are permanently physically

connected together are effected by means of a plain weave structure local to that crossover point.

14. (CURRENTLY AMENDED) A fabric as claimed in claim 12 ~~or 13~~, including one or more permanently connected crossover points and one or more permanently biased apart crossover points in order to bring into being at least one conductive path within the fabric that is composed of two or more contiguous segments of two or more electrical conductors.
15. (ORIGINAL) A fabric as claimed in claim 14, wherein the two or more contiguous segments are of two or more electrical conductors that exhibit differing linear resistivities.
16. (CURRENTLY AMENDED) A fabric as claimed in claim 14 ~~or 15~~, wherein the contiguous segments of electrical conductors have a length ~~lengths~~ and/or number and/or arrangement and/or linear resistivity ~~resistivities of the contiguous segments of electrical conductors are~~ ~~so~~ chosen so as to constitute one or more resultant conductive paths that conform to a required geometry and/or a required electrical characteristic and/or a required value of electrical property.
17. (CURRENTLY AMENDED) A fabric as claimed in claim 16, wherein the ~~required~~ electrical property is selected from the group consisting of electrical resistance, capacitance, inductance, impedance and ~~or~~ reactance.
18. (CURRENTLY AMENDED) A fabric as claimed in claim 16 ~~or 17~~, wherein the ~~required~~ electrical characteristic is a heterogeneous distribution of resistance along the resultant conductive path and/or across the fabric.
19. (CANCELED)

20. (ORIGINAL) A fabric as claimed in claim 18, wherein the fabric provides an electrical heating element that exhibits a heterogeneous distribution of heated power dissipation along the resultant conductive path and/or across the fabric.

21-24. (CANCELED)

25. (CURRENTLY AMENDED) An electrical circuit or structure within a textile including a plurality of one or more of conductive, resistive and insulative elements which are pressure actuated into contact, which are permanently unconnected and/or which ~~a~~ are fully conductive.

26. (ORIGINAL) A fabric comprising cross-over weave structures providing two or more mutually separated bus bars to be incorporated into the fabric during the weaving process.